

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-015276**Date Inspected:** 16-Jun-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006			Component:	OBG Components		

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

Orthotropic Box Girder (OBG) Trial Assembly Areas

Lift 7 West-Panel Point (PP) # 48-52

This QA inspector performed Visual Testing (VT) and dimensional check on cope hole and welds access hole for OBG lift 7 west for smoothness. Some locations not comply with the ABF inspection report no:

CWAHIR-7AW-02 and CWAHIR-7BW-02 dated 15th June 2010. Those locations flush grinding and sharp edges removal required. All these details noted and forwarded to the Lead and Engineer for review and further action.

Following Segment in Lift 7west 7CW, 7DW, 7EW it is found that lot of abrasive blasting debris stacked cope hole and weld access hole location, so we couldn't continue the inspection. This was informed to ZPMC QA Mr. Wang Lu.

Segment 9CE (Cope Holes)

This QA Inspector performed Dimension Control Inspection for the Floor Beam to Bottom Panel Cope Holes and Floor Beam to Side Panel Cope Holes at Work Point (E4) from West Side at Panel Point (PP) 79 for Segment 9CE the Inspection was performed against the ABF Inspection Report No. CWAHIR-9CE-01 Dated April 12, 2010.

The measured readings were recorded on Dimension Control Form and were submitted to the Lead and Engineer for review.

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Segment 10BW (Cope Holes)

This QA Inspector performed Dimension Control Inspection for the Floor Beam to Bottom Panel Cope Holes and Floor Beam to Side Panel Cope Holes at Work Point (W4) from West Side at Panel Point (PP) 89 and PP 90 for Segment 10BW the Inspection was performed against the ABF Inspection Report No. CWAHIR-10BW-01 Dated June 03, 2010. The measured readings were recorded on Dimension Control Form and were submitted to the Lead and Engineer for review.

Segment 11AW (Cope Holes)

This QA Inspector performed Dimension Control Inspection for the Floor Beam to Bottom Panel Cope Holes, Floor Beam to Side Panel Cope Holes, Longitudinal Diaphragm Cope Holes East and West side of each Panel Point at Work Point (W4) from West Side at Panel Point (PP) 95 and PP 97 for Segment 11AW the Inspection was performed against the ABF Inspection Report No. CWAHIR-11AW-01 Dated June 11, 2010. The measured readings were recorded on Dimension Control Form and were submitted to the Lead and Engineer for review.

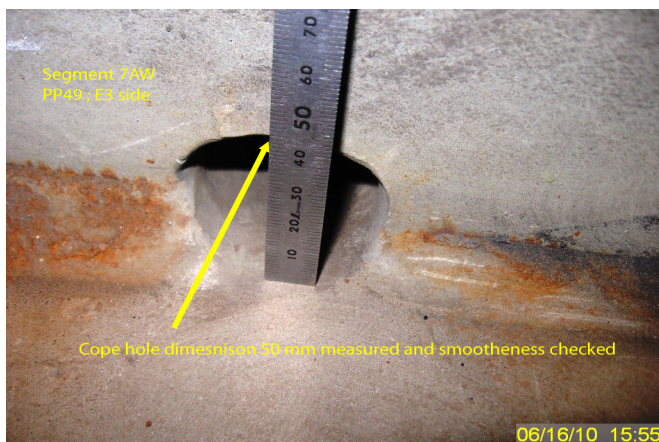
Segment 7DW to 7EW (T-Ribs)

This QA Inspector performed Dimension Control Inspection for the T-Ribs at the Transverse Splice T-Ribs to T-Ribs for Vertical Offset at Counter Weight Side T-Ribs for Segment 7DW to 7EW between Panel Point (PP) 58 and PP 59 after Offset adjustment by ZPMC. The Inspection was performed against the ABF request. The measured readings were recorded on Dimension Control Form and were submitted to the Lead and Engineer for review.

Lift 8 West

This QA Inspector performed Dimension Control Inspection for the Radius at FL1/FL3 Floor Beam vertical stiffener to Longitudinal Diaphragm Radius at East and West side of the each Panel Points at Work Points W3 and W4 from Panel Point (PP) 61 to 71. The Inspection was performed against the ABF request. The measured reading was recorded on Dimension Control Form and was submitted to the Lead and Engineer for review.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



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Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
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Reviewed By:	McClendon,Timothy	QA Reviewer
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